SEMS Inc.
Southern Environmental Management & Specialties

ASBESTOS INSPECTION RESULTS

Causeway Blvd. – Earhart Expressway
Route: LA 3046 & LA 3139 (Parcel No. 2-1)
Metairie, Jefferson Parish, Louisiana 70001

Prepared for:
Mr. Charles D. McBride
Louisiana DOTD
Office of Engineering
P.O. Box 94245
Baton Rouge, LA 70804

Prepared on:
January 11, 2021

SEMS Project #533-0022

Submitted by:
Ioannis Petikas
Industrial Hygiene Division Manager

1725 North Hearne Ave., Bldg. F
Shreveport, LA 71107
318.779.0763
info@semsinc.net
www.semsinc.net

ASBESTOS INSPECTION REPORT

Project Name: Causeway Blvd. – Earhart Expressway
Route: LA 3046 & LA 3139 (Parcel No. 2-1)
Metairie, Jefferson Parish, Louisiana 70001
State Project No. H.013842, FAP H013842

January 11, 2021

Prepared for

Mr. Charles D. McBride
Louisiana DOTD
Office of Engineering
P.O. Box 94245
Baton Rouge, LA 70804

By

1725 N. Hearne Avenue, Building F
Shreveport, Louisiana 71107
(318) 779-0763

SEMS Field Inspector

Austin Leopold
Certified Asbestos Inspector

Report Written & Submitted By

Ioannis Petikas
Industrial Hygienist

SEMS Inc.
Southern Environmental Management & Specialties

1725 F N. Hearne Ave.
Shreveport, LA 71107
Phone: 318.779.0763
www.semsinc.net

ASBESTOS INSPECTION REPORT
Causeway Blvd. – Earhart Expressway
Metairie, Jefferson Parish, Louisiana 70001
State Project No. H.013842, FAP H013842

January 11, 2021

1.0 INTRODUCTION

Southern Environmental Management and Specialties (SEMS) was retained by the Louisiana Department of Transportation & Development (DOTD) to conduct an asbestos inspection in the Aloha Motel structure located at 3300 Airline Drive in Metairie, Louisiana.

SEMS completed the following scope of work:

- Completed an asbestos inspection of the entire motel structure to determine the presence and extent of asbestos-containing materials (ACM) for demolition purposes.
- Conducted the asbestos inspection survey in accordance with all applicable federal and state regulations.
- Submit a comprehensive asbestos survey report including results, photos, recommendations and drawings.

2.0 PROCEDURE

Mr. Austin Leopold, SEMS Louisiana Department of Environmental Quality (LDEQ) accredited inspectors, accreditation SI189864, and Mr. Cody Frischhertz, Environmental Technician, conducted the asbestos inspection on Tuesday, December 29, 2020. During the inspection, nine (9) homogenous suspect building materials as possibly asbestos containing were identified: sheetrock with tape and mud, floor tile with mastic, mastic, ceiling tiles, exterior window caulking, roof tar, roofing shingles with felt paper, and peel and stick flooring throughout the property.

Asbestos can only be positively identified using microscopical techniques. Samples collected in this survey were analyzed using Polarized Light Microscopy (PLM). CA Labs, L.L.C. located in Baton Rouge, Louisiana, analyzed the samples from this assessment. CA Labs is a National Voluntary Laboratory Accredited Program (NVLAP) and is certified by the Louisiana Environmental Laboratory Accreditation Program (LELAP).

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Shreveport, LA 71107
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www.semsinc.net

3.0 SAMPLE ANALYSIS

Thirty-six (36) bulk samples with layers were collected from the structure located at 3300 Airline Drive in Metairie, Louisiana, on December 29, 2020, to verify the visual assessment, and submitted for analysis. Located in Appendix A are photographs showing the materials sampled and general overall views of the structure.

The analysis procedure followed for asbestos determination was published in *Method for the Determination of Asbestos in Bulk Building Materials, EPA/600/R-193/116 (1993)*. This method is referred to as the "Improved Method" and is recommended by the EPA as a preferred substitute to the Interim Method. Based on these guidelines, suspect material was considered not to contain ACM only if the results of all samples required to be collected from the homogeneous area were determined to have asbestos in amounts of 1% or less. Those materials analyzed and determined to contain greater than 1% were considered ACM.

4.0 SAMPLE RESULTS

The table below summarizes the sample results from the analysis. Any samples in bold red indicate positive identification of greater than 1% asbestos containing. Located in Appendix B are copies of the laboratory analytical results and the field inspection form. Drawings are included in Appendix C showing the locations of where the samples were taken.

TABLE 1
3300 Airline Drive
Metairie, Louisiana
Asbestos Sampling Results
December 30, 2020

Sample ID	Material Description	Location	Result
AH-20-364-001	Layer 1 - Tan Surfaced White Compound	Lounge	None Detected
AH-20-364-001	Layer 2 – White Compound Beneath Tape	Lounge	None Detected
AH-20-364-001	Layer 3 – White Drywall with Paper	Lounge	None Detected
AH-20-364-002	Layer 1 – White Drywall with Paper	Room 2	None Detected
AH-20-364-002	Layer 2 – White Sealant	Room 2	None Detected
AH-20-364-003	Layer 1 - White Surfaced White Compound	Room 14	None Detected
AH-20-364-003	Layer 2 - White Drywall with Paper	Room 14	None Detected

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Shreveport, LA 71107
Phone: 318.779.0763
www.semsinc.net

Sample ID	Material Description	Location	Result
AH-20-364-004	Layer 1 - Blue Surfaced Tan Compound	Room 34	2% Chrysotile
AH-20-364-004	Layer 2 - White Drywall with Paper	Room 34	None Detected
AH-20-364-005	Layer 1 - Tan Surfaced White Compound	2nd Floor Suite	2% Chrysotile
AH-20-364-005	Layer 2 - White Compound Beneath Tape	2nd Floor Suite	2% Chrysotile
AH-20-364-005	Layer 3 – White Drywall with Paper	2nd Floor Suite	None Detected
AH-20-364-006	Layer 1 – Tan Surfaced Tan Compound	Room 47	3% Chrysotile
AH-20-364-006	Layer 2 – Green Surfaced Tan Compound	Room 47	3% Chrysotile
AH-20-364-006	Layer 3 – White Drywall with Paper	Room 47	None Detected
AH-20-364-007	Layer 1 – White Surfaced Tan Compound	Room 22	3% Chrysotile
AH-20-364-007	Layer 2 – White Drywall with Paper	Room 22	None Detected
AH-20-364-008	Layer 1 - White Surfaced White Compound	2nd Floor Stairs	None Detected
AH-20-364-008	Layer 2 - White Compound on Mesh	2nd Floor Stairs	None Detected
AH-20-364-008	Layer 3 – White Drywall with Paper	2nd Floor Stairs	None Detected
AH-20-364-009	Layer 1 - White Surfaced White Compound	Room 21	3% Chrysotile
AH-20-364-009	Layer 2 - White Drywall with Paper	Room 21	None Detected
AH-20-364-010	Layer 1 - Tan Floor Tile	Laundry	2% Chrysotile
AH-20-364-010	Layer 2 - Black Mastic	Laundry	5% Chrysotile
AH-20-364-011	Layer 1 - Tan Floor Tile	Laundry	2% Chrysotile
AH-20-364-011	Layer 2 - Black Mastic	Laundry	5% Chrysotile
AH-20-364-012	Layer 1 – Tan Floor Tile	Laundry	None Detected
AH-20-364-012	Layer 2 - Black Mastic	Laundry	5% Chrysotile
AH-20-364-013	Layer 1 - Gray Surfacing	Laundry	None Detected
AH-20-364-013	Layer 2 - Brown Ceiling Tile	Laundry	None Detected

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Sample ID	Material Description	Location	Result
AH-20-364-014	Layer 1 - White Surfaced White Compound	Laundry	None Detected
AH-20-364-014	Layer 2 - Brown Ceiling Tile	Laundry	None Detected
AH-20-364-015	Layer 1 - White Surfaced White Compound	Laundry	None Detected
AH-20-364-015	Layer 2 - Brown Ceiling Tile	Laundry	None Detected
AH-20-364-016	Black Mastic	Room 3	5% Chrysotile
AH-20-364-017	Black Mastic	Room 12	5% Chrysotile
AH-20-364-018	Black Mastic	Room 3	5% Chrysotile
AH-20-364-019	Layer 1 - Tan Floor Tile	Room 29	3% Chrysotile
AH-20-364-019	Layer 2 - Black Mastic	Room 29	5% Chrysotile
AH-20-364-020	Layer 1 - Gray Floor Tile	Room 32	None Detected
AH-20-364-020	Layer 2 - Yellow and Black Mastic	Room 32	None Detected
AH-20-364-021	Layer 1 – Gray Floor Tile	Room 32	None Detected
AH-20-364-021	Layer 2 – Yellow and Black Mastic	Room 32	None Detected
AH-20-364-022	Tan Linoleum	Room 28	None Detected
AH-20-364-023	Tan Linoleum	Room 28	None Detected
AH-20-364-024	Tan Linoleum	Room 28	None Detected
AH-20-364-025	Layer 1 – Tan Floor Tile	Room 31	None Detected
AH-20-364-025	Layer 2 - Black Mastic	Room 31	5% Chrysotile
AH-20-364-026	Layer 1 - Tan Floor Tile	2nd Floor Stairs	None Detected
AH-20-364-026	Layer 2 - Black Mastic	2nd Floor Stairs	5% Chrysotile
AH-20-364-027	Layer 1 – Tan Floor Tile	Room 28	2% Chrysotile
AH-20-364-027	Layer 2 - Black Mastic	Room 28	5% Chrysotile
AH-20-364-028	Green Surfaced White Sealant	Room 6	2% Chrysotile

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1725 F N. Hearne Ave.
Shreveport, LA 71107
Phone: 318.779.0763
www.semsinc.net

Sample ID	Material Description	Location	Result
AH-20-364-029	Green Surfaced Tan Sealant	Room 12	None Detected
AH-20-364-030	Green Surfaced Tan Sealant	Room 4	None Detected
AH-20-364-031	Layer 1 - Black Shingle	Office	None Detected
AH-20-364-031	Layer 2 - Black Tar	Office	None Detected
AH-20-364-032	Layer 1 - Black Shingle	Office	None Detected
AH-20-364-032	Layer 2 - Black Tar	Office	None Detected
AH-20-364-033	Layer 1 - Black Shingle	Office	None Detected
AH-20-364-033	Layer 2 - Black Tar	Office	None Detected
AH-20-364-034	Layer 1 - Black Shingle with Gray Gravel	Storage	None Detected
AH-20-364-034	Layer 2 – Black Tar	Storage	None Detected
AH-20-364-035	Layer 1 - Black Shingle with Gray Gravel	Storage	None Detected
AH-20-364-035	Layer 2 – Black Tar	Storage	None Detected
AH-20-364-036	Layer 1 - Black Shingle with Gray Gravel	Storage	None Detected
AH-20-364-036	Layer 2 – Black Tar	Storage	None Detected

From the results above, the tan floor tile, black mastic, white sealant, and tan and white compound contains asbestos.

5.0 ADDITIONAL SAMPLE ANALYSIS

SEMS recommended that the positive materials be re-analyzed using point count techniques to determine if using the point count method would lower the percent asbestos to below 1% for the purposes of determining proper abatement activities.

The analysis procedure followed for the re-analysis was 400-point counts (EPA 600/R-93/116). This is a detailed and more labor-intensive technique for estimating asbestos in materials and is less subjective than a visual estimate.

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Shreveport, LA 71107
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6.0 POINT COUNT SAMPLE RESULTS

The table below summarizes the sample locations and results from the point count analysis. Any samples in bold red indicate positive identification of greater than 1% asbestos containing.

TABLE 2
3300 Airline Drive
Metairie, Louisiana
Point Count Analysis Results
December 30, 2020

Sample ID	Material Description	Location	Original Result	Point Count Results
AH-20-364-004	Blue Surfaced Tan Compound	Room 34	2% Chrysotile	1.00% Chrysotile
AH-20-364-005	Layer 1 - Tan Surfaced White Compound	2nd Floor Suite	2% Chrysotile	0.75% Chrysotile
AH-20-364-005	Layer 2 - White Compound Beneath Tape	2nd Floor Suite	2% Chrysotile	0.75% Chrysotile
AH-20-364-006	Layer 1 - Tan Surfaced Tan Compound	Room 47	3% Chrysotile	1.00% Chrysotile
AH-20-364-006	Layer 2 – Green Surfaced Tan Compound	Room 47	3% Chrysotile	0.75% Chrysotile
AH-20-364-007	White Surfaced Tan Compound	Room 22	3% Chrysotile	1.25% Chrysotile
AH-20-364-010	Black Mastic	Laundry	5% Chrysotile	2.00% Chrysotile
AH-20-364-016	Black Mastic	Room 3	5% Chrysotile	2.25% Chrysotile
AH-20-364-019	Black Mastic	Room 29	5% Chrysotile	1.75% Chrysotile
AH-20-364-025	Black Mastic	Room 31	5% Chrysotile	1.50% Chrysotile
AH-20-364-028	Green Surfaced White Sealant	Room 6	2% Chrysotile	0.25% Chrysotile

Following the initial asbestos sampling results and point count analysis results, a Transmission Electron Microscopy (TEM) Chatfield analysis was conducted on samples 010, 011, 019, and 027 on December 31, 2020, to further determine asbestos concentration.

The table below summarizes the sample locations and results from the TEM Chatfield analysis. Any samples in bold red indicate positive for asbestos containing.

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Shreveport, LA 71107
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TABLE 3
3300 Airline Drive
Metairie, Louisiana
TEM Chatfield Results
December 31, 2020

Sample ID	Material Description	Location	Original Result	Point Count Results
AH-20-364-010	Tan Floor Tile	Laundry	2% Chrysotile	2.31%-2.82% Chrysotile
AH-20-364-011	Tan Floor Tile	Laundry	2% Chrysotile	Positive Stop
AH-20-364-019	Tan Floor Tile	Room 29	3% Chrysotile	2.35%-2.87% Chrysotile
AH-20-364-027	Tan Floor Tile	Room 28	3% Chrysotile	3.77%-4.61% Chrysotile

Based on the results from the point count analysis, the window caulking is no longer considered a regulated building material that requires abatement prior to demolition of the structure. However, all floor tile w/mastic, mastic itself and tan and white compound (all sheet rocked walls and ceilings) contains asbestos.

8.0 RECOMMENDATIONS

Because the structure is to be demolished, SEMS recommends the following:

- **Floor Tile & Mastic**

The floor tile and mastic are Category I non-friable asbestos-containing materials. The floor tile and mastic would need to be removed by a licensed abatement contractor prior to demolition.

- **Texture Material and Joint Compound (Walls & Ceilings)**

The texture material and joint compound are Category I non-friable asbestos-containing materials. This material will have to be removed by a licensed abatement contractor prior to demolition.

Drawings showing the locations of all the asbestos found and approximate quantities are included in Appendix D.

9.0 STANDARD OF CARE

Services performed by SEMS are conducted in a manner consistent with state-of-the-industry practices, recognizing that even the most comprehensive sampling may not detect all the areas exceeding the evaluation criteria in the structure/building. Therefore, SEMS cannot act as an insurer or certify that the

1725 F N. Hearne Ave.
Shreveport, LA 71107
Phone: 318.779.0763
www.semsinc.net

site is free of asbestos. No expressed or implied representation or warranty is included, except that the services were performed within the limit of the scope of work authorized by the client and the encountered site conditions.

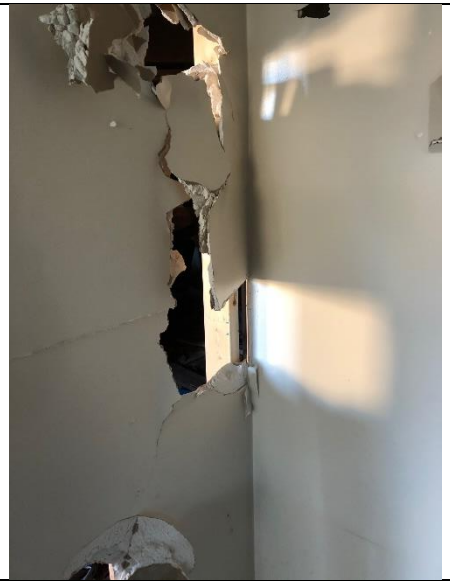
SEMS is pleased to offer these industrial hygiene services. If you have any questions regarding this report or if we can offer additional occupational health and safety related services, please contact the undersigned below at 318-780-5894.

10. APPENDICES

A. Photographs
B. Analytical Data
C. Sample Location Drawings
D. Sample Location Drawings
E. Certifications

APPENDIX A
PHOTOGRAPHS

LA DOTD
ASBESTOS INSPECTION – ALOHA HOTEL
3300 AIRLINE DR., METAIRIE, LOUISIANA
December 29, 2020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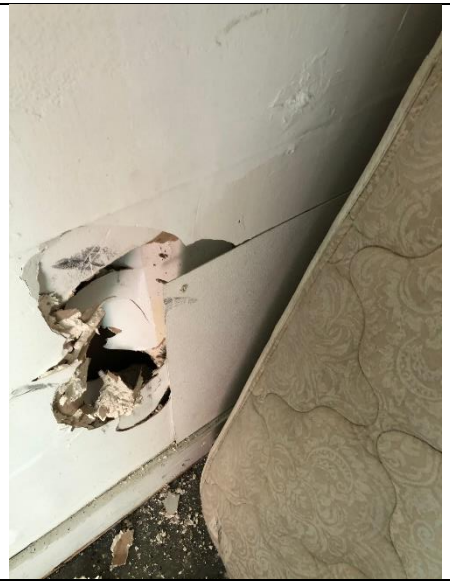
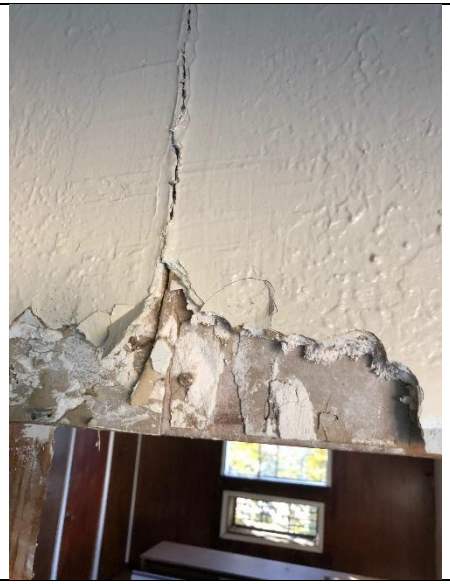
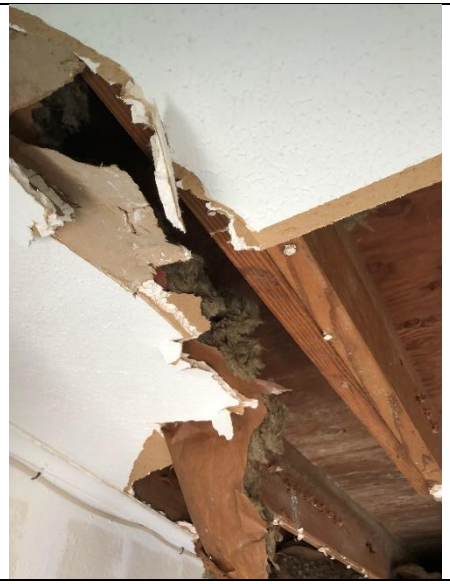
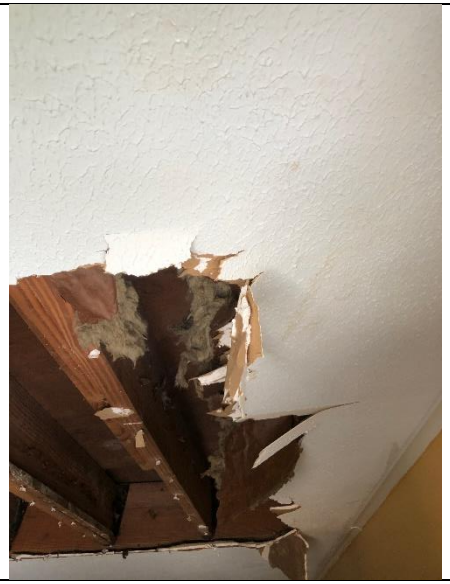
	
AH-20-364-003	AH-20-364-004

LA DOTD
ASBESTOS INSPECTION – ALOHA HOTEL
3300 AIRLINE DR., METAIRIE, LOUISIANA
December 29, 2020

	
AH-20-364-005	AH-20-364-006
	
AH-20-364-007	AH-20-364-008

	
AH-20-364-009	AH-20-364-010
	
AH-20-364-011	AH-20-364-012

	
AH-20-364-013	AH-20-364-014
	
AH-20-364-015	AH-20-364-016

AH-20-364-017

AH-20-364-018

AH-20-364-019

AH-20-364-020

	
AH-20-364-021	AH-20-364-022
	
AH-20-364-023	AH-20-364-024

	
AH-20-364-025	AH-20-364-026
	
AH-20-364-027	AH-20-364-028

	
AH-20-364-029	AH-20-364-030
	
AH-20-364-031	AH-20-364-032

	
AH-20-364-033	AH-20-364-034
	
AH-20-364-035	AH-20-364-036

	
1st floor Office	View of 1st and 2nd floor rooms
	
View of newer building	

APPENDIX B
ANALYTICAL DATA

CA Labs
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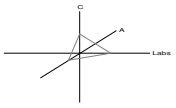
CA Labs, L.L.C.
12232 Industriplex, Suite 32
Baton Rouge, LA 70809
Phone 225-751-5632
Fax 225-751-5634



NVLAP #200772-0
TDSHS #300370
CDPHE #AL-18111
LELAP #03069

Materials Characterization - Bulk Asbestos Analysis

Laboratory Analysis Report - Polarized Light

SEMS, Inc
11628 S Choctaw Drive
Baton Rouge, LA 70815

Attn: Ioannis Petikas
Customer Project: Aloha Hotel
Reference #: CBR20126448 Date: 12/30/2020

Analysis and Method

Summary of polarizing light microscopy (PLM / Stereomicroscopy bulk asbestos analysis) using the methods described in 40CFR Part 763 Appendix E to Subpart E (Interim and EPA 600 / R-93 / 116 (Improved). The sample is first viewed with the aid of stereomicroscopy. Numerous liquid slide preparations are created for analysis under the polarized microscope where identifications and quantifications are preformed. Calibrated liquid refractive oils are used as liquid mouting medium. These oils are used for identification (dispersion staining). A calibrated visual estimation is reported, should any asbestiform mineral be present. Other techniques such as acid washing are used in conjugation with refractive oils for detection of smaller quantities of asbestos. All asbestos percentages are based on calibrated visual estimation traceable to NIST standards for regulated of asbestos. Traceability to measurement and calibration is achieved by using known amounts and types of asbestos from standards where analyst and laboratory accuracy are measured. As little as 0.001% asbestos can be detected in favorable samples, while detection in unfavorable samples may approach the detection limit of 0.50% (well above the laboratory definition of trace).

Discussion

Vermiculite containing samples may have trace amounts of actinolite-tremolite, where not found be PLM should be analyzed using TEM methods and / or water separation techniques. Suspected actinolite/vermiculite presence will be indicated through the sample comment section of this report.

Fibrous talc containing samples may even contain a related asbestos fiber known as anthophyllite. Under certain conditions the same fiber may actually contain both talc and anthophyllite (a phenomenon called intergrowth). Again, TEM detection methods are recommended. CA Labs PLM report comments will denote suspected amounts of asbestiform anthophyllite with talc, where further analysis is recommended.

Some samples (floor tiles, surfacings, etc.) may contain fibers too small to be detectable by PLM analysis and should be analyzed by TEM bulk protocols.

A "trace asbestos" will be reported if the analyst observes far less than 1% asbestos. CA Labs defines "trace asbestos" as a few fibers detected by the analyst in several preparations and will indicate as such under these circumstances.

Quantification of <1% will actually be reported as <=1% (allowable variance close to 1% is high). Such results are ideal for point counting, and the technique is mandatory for friable samples (NESHAP, Nov. 1990 and clarification letter 8 May 1991) under 1% percent asbestos and the "trace asbestos". **In order to make all initial PLM reports issued from CA Labs NESHAP compliant, all <1% asbestos results (except floor tiles) will be point counted at no additional charge.**

Qualifications

CA Labs is accredited by the National Voluntary Accreditation Program (NVLAP) for selected test methods for airborne fiber analysis (TEM), and for bulk asbestos fiber analysis (PLM). All analysts have a college degree in a natural science (geology, biology, or environmental science) or are recognized by a state professional board in one these disciplines .Extensive in-house training programs are used to augment education background of the analyst. The group leader of polarized light has received supplemental McCrone Research training for asbestos identification. This report is not covered by the scope of AIHA accreditation. Analysis performed at CA Labs, LLC 12232 Industriplex, Suite 32 Baton Rouge, LA 70809.

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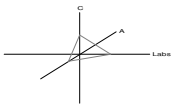
CA Labs, L.L.C.
12232 Industriplex, Suite 32
Baton Rouge, LA 70809
Phone 225-751-5632
Fax 225-751-5634



NVLAP #200772-0
TDSHS #300370
CDPHE #AL-18111
LELAP #03069

Overview of Project Sample Material Containing Asbestos

Customer Project: Aloha Hotel **CA Labs Project #:** CBR20126448

Sample #	Layer #	Analysts Physical Description of Subsample	Asbestos type / calibrated visual estimate percent	List of Affected Building Material Types
AH-20-364-004	*04-1*	*Blue Surfaced Tan Compound*	***2% Chrysotile***	***Blue Surfaced Tan Compound***
AH-20-364-005	*05-1*	*Tan Surfaced White Compound*	***2% Chrysotile***	***Tan Surfaced White Compound***
	05-2	*White Compound Beneath Tape*	***2% Chrysotile***	***White Compound Beneath Tape***
AH-20-364-006	*06-1*	*Tan Surfaced Tan Compound*	***3% Chrysotile***	***Tan Surfaced Tan Compound***
	06-2	*Green Surfaced Tan Compound*	***3% Chrysotile***	***Green Surfaced Tan Compound***
AH-20-364-007	*07-1*	*White Surfaced Tan Compound*	***3% Chrysotile***	***White Surfaced Tan Compound***
AH-20-364-009	*09-1*	*White Surfaced White Compound*	***3% Chrysotile***	***White Surfaced White Compound***
AH-20-364-010	*10-1*	*Tan Floor Tile*	***2% Chrysotile***	***Tan Floor Tile***

Glossary of abbreviations (non-asbestos fibers and non-fibrous minerals):

ca - carbonate
gypsum - gypsum
bi - binder
or - organic
ma - matrix
mi - mica
ve - vermiculite
ot - other
pe - perlite
qu - quartz
fg - fiberglass
mw - mineral wool
wo - wollastinite
ta - talc
sy - synthetic
ce - cellulose
br - brucite
ka - kaolin (clay)
pa - palygorskite (clay)

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CA Labs, L.L.C.
12232 Industriplex, Suite 32
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Phone 225-751-5632
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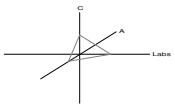

NVLAP #200772-0
TDSHS #300370
CDPHE #AL-18111
LELAP #03069

Overview of Project Sample Material Containing Asbestos

Customer Project: Aloha Hotel **CA Labs Project #:** CBR20126448

Sample #	Layer #	Analysts Physical Description of Subsample	Asbestos type / calibrated visual estimate percent	List of Affected Building Material Types
	10-2	*Black Mastic*	***5% Chrysotile***	
AH-20-364-011	*11-1*	*Tan Floor Tile*	***2% Chrysotile***	
	11-2	*Black Mastic*	***5% Chrysotile***	
AH-20-364-012	*12-2*	*Black Mastic*	***5% Chrysotile***	
AH-20-364-016	*16-1*	*Black Mastic*	***5% Chrysotile***	
AH-20-364-017	*17-1*	*Black Mastic*	***5% Chrysotile***	
AH-20-364-018	*18-1*	*Black Mastic*	***5% Chrysotile***	
AH-20-364-019	*19-1*	*Tan Floor Tile*	***3% Chrysotile***	

Glossary of abbreviations (non-asbestos fibers and non-fibrous minerals):

ca - carbonate
gypsum - gypsum
bi - binder
or - organic
ma - matrix
mi - mica
ve - vermiculite
ot - other
pe - perlite
qu - quartz
fg - fiberglass
mw - mineral wool
wo - wollastinite
ta - talc
sy - synthetic
ce - cellulose
br - brucite
ka - kaolin (clay)
pa - palygorskite (clay)

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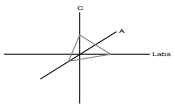
CA Labs, L.L.C.
12232 Industriplex, Suite 32
Baton Rouge, LA 70809
Phone 225-751-5632
Fax 225-751-5634



NVLAP #200772-0
TDSHS #300370
CDPHE #AL-18111
LELAP #03069

Overview of Project Sample Material Containing Asbestos

Customer Project: Aloha Hotel **CA Labs Project #:** CBR20126448

Sample #	Layer #	Analysts Physical Description of Subsample	Asbestos type / calibrated visual estimate percent	List of Affected Building Material Types
	19-2	*Black Mastic*	***5% Chrysotile***	
AH-20-364-025	*25-2*	*Black Mastic*	***5% Chrysotile***	
AH-20-364-026	*26-2*	*Black Mastic*	***5% Chrysotile***	
AH-20-364-027	*27-1*	*Tan Floor Tile*	***2% Chrysotile***	
	27-2	*Black Mastic*	***2% Chrysotile***	
AH-20-364-028	*28-1*	*Green Surfaced White Sealant*	***2% Chrysotile***	

Glossary of abbreviations (non-asbestos fibers and non-fibrous minerals):

ca - carbonate
gypsum - gypsum
bi - binder
or - organic
ma - matrix
mi - mica
ve - vermiculite
ot - other
pe - perlite
qu - quartz
fg - fiberglass
mw - mineral wool
wo - wollastinite
ta - talc
sy - synthetic
ce - cellulose
br - brucite
ka - kaolin (clay)
pa - palygorskite (clay)

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CA Labs, L.L.C.
12232 Industriplex, Suite 32
Baton Rouge, LA 70809
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NVLAP #200772-0
TDSHS #300370
CDPHE #AL-18111
LELAP #03069

Polarized Light Asbestiform Materials Characterization

Customer Info: **Attn:** Ioannis Petikas
SEMS, Inc
11628 S Choctaw Drive
Baton Rouge, LA 70815

Phone # 225-924-2002
Fax # 225-924-2004

Customer Project:
Aloha Hotel

Turnaround Time: 24 hr

CA Labs Project #:
CBR20126448

Date: 12/30/2020
Samples Received: 12/29/2020
Date Of Sampling: 12/29/2020
Purchase Order #: 533-0022

Sample #	Comment	Layer #	Analysts Physical Description of Subsample	Homogeneous (Y/N)	Asbestos type / calibrated visual estimate percent	Non-asbestos fiber type / percent	Non-fibrous type / percent
AH-20-364-001		*01-1*	*Tan Surfaced White Compound*	*N*	***None Detected***		100% qu, mi, bi, ca
		01-2	*White Compound Beneath Tape*	*Y*	***None Detected***		100% qu, mi, ca
		01-3	*White Drywall with Paper*	*N*	***None Detected***	10% ce	90% qu, gy
AH-20-364-002		*02-1*	*White Drywall with Paper*	*N*	***None Detected***	10% ce	90% qu, gy
		02-2	*White Sealant*	*Y*	***None Detected***		100% qu, ma
AH-20-364-003		*03-1*	*White Surfaced White Compound*	*N*	***None Detected***		100% qu, mi, bi, ca
		03-2	*White Drywall with Paper*	*N*	***None Detected***	10% ce	90% qu, gy

Analysis Method: Interim (40CFR Part 763 Appendix E to Subpart E) / Improved (EPA-600 / R-93/116)
Preparation Method: HCL acid washing for carbonate based samples, chemical reduction for organically bound components, oil immersion for identification of asbestos types by dispersion attaining / becke line method.

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or - organic	pe - perlite	ta - talc	pa - palygorskite (clay)
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Approved Signatories:

Zo Andriampenomanana
Analyst

Senior Analyst
Alicia Stretz

Laboratory Director
Chris Williams

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10. TEM analysis suggested

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CBR20126448

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Date Of Sampling: 12/29/2020
Purchase Order #: 533-0022

Sample #	Comment	Layer #	Analysts Physical Description of Subsample	Homogeneous (Y/N)	Asbestos type / calibrated visual estimate percent	Non-asbestos fiber type / percent	Non-fibrous type / percent
AH-20-364-004		*04-1*	*Blue Surfaced Tan Compound*	*N*	***2% Chrysotile***		98% qu, mi, bi, ca
		04-2	*White Drywall with Paper*	*N*	***None Detected***	10% ce	90% qu, gy
AH-20-364-005		*05-1*	*Tan Surfaced White Compound*	*N*	***2% Chrysotile***		98% qu, mi, bi, ca
		05-2	*White Compound Beneath Tape*	*Y*	***2% Chrysotile***		98% qu, mi, ca
		05-3	*White Drywall with Paper*	*N*	***None Detected***	10% ce	90% qu, gy
AH-20-364-006		*06-1*	*Tan Surfaced Tan Compound*	*N*	***3% Chrysotile***		97% qu, mi, bi, ca
		06-2	*Green Surfaced Tan Compound*	*N*	***3% Chrysotile***		97% qu, mi, bi, ca

Analysis Method: Interim (40CFR Part 763 Appendix E to Subpart E) / Improved (EPA-600 / R-93/116)
Preparation Method: HCL acid washing for carbonate based samples, chemical reduction for organically bound components, oil immersion for identification of asbestos types by dispersion attaining / becke line method.

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12232 Industriplex, Suite 32
Baton Rouge, LA 70809
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Customer Project:
Aloha Hotel

Turnaround Time: 24 hr

CA Labs Project #:
CBR20126448

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Date Of Sampling: 12/29/2020
Purchase Order #: 533-0022

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		06-3	*White Drywall with Paper*	*N*	***None Detected***	10% ce	90% qu, gy
AH-20-364-007		*07-1*	*White Surfaced Tan Compound*	*N*	***3% Chrysotile***		97% qu, mi, bi, ca
		07-2	*White Drywall with Paper*	*N*	***None Detected***	10% ce	90% qu, gy
AH-20-364-008		*08-1*	*White Surfaced White Compound*	*N*	***None Detected***		100% qu, mi, bi, ca
		08-2	*White Compound on Mesh*	*Y*	***None Detected***	10% fg	90% qu, mi, ca
		08-3	*White Drywall with Paper*	*N*	***None Detected***	10% ce	90% qu, gy
AH-20-364-009		*09-1*	*White Surfaced White Compound*	*N*	***3% Chrysotile***		97% qu, mi, bi, ca

Analysis Method: Interim (40CFR Part 763 Appendix E to Subpart E) / Improved (EPA-600 / R-93/116)
Preparation Method: HCL acid washing for carbonate based samples, chemical reduction for organically bound components, oil immersion for identification of asbestos types by dispersion attaining / becke line method.

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Turnaround Time: 24 hr

CA Labs Project #:
CBR20126448

Date: 12/30/2020
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Purchase Order #: 533-0022

Sample #	Comment	Layer #	Analysts Physical Description of Subsample	Homogeneous (Y/N)	Asbestos type / calibrated visual estimate percent	Non-asbestos fiber type / percent	Non-fibrous type / percent
		09-2	*White Drywall with Paper*	*N*	***None Detected***	10% ce	90% qu, gy
AH-20-364-010		*10-1*	*Tan Floor Tile*	*Y*	***2% Chrysotile***		98% qu, ma, ca
		10-2	*Black Mastic*	*Y*	***5% Chrysotile***		95% qu, bi
AH-20-364-011		*11-1*	*Tan Floor Tile*	*Y*	***2% Chrysotile***		98% qu, ma, ca
		11-2	*Black Mastic*	*Y*	***5% Chrysotile***		95% qu, bi
AH-20-364-012		*12-1*	*Tan Floor Tile*	*Y*	***None Detected***		100% qu, ma, ca
		12-2	*Black Mastic*	*Y*	***5% Chrysotile***		95% qu, bi

Analysis Method: Interim (40CFR Part 763 Appendix E to Subpart E) / Improved (EPA-600 / R-93/116)
Preparation Method: HCL acid washing for carbonate based samples, chemical reduction for organically bound components, oil immersion for identification of asbestos types by dispersion attaining / becke line method.

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Polarized Light Asbestiform Materials Characterization

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Phone # 225-924-2002
Fax # 225-924-2004

Customer Project:
Aloha Hotel

Turnaround Time: 24 hr

CA Labs Project #:
CBR20126448

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Sample #	Comment	Layer #	Analysts Physical Description of Subsample	Homogeneous (Y/N)	Asbestos type / calibrated visual estimate percent	Non-asbestos fiber type / percent	Non-fibrous type / percent
AH-20-364-013		*13-1*	*Gray Surfacing*	*Y*	***None Detected***		100% qu, bi, ca
		13-2	*Brown Ceiling Tile*	*Y*	***None Detected***	100% ce	
AH-20-364-014		*14-1*	*White Surfaced White Compound*	*N*	***None Detected***		100% qu, mi, bi, ca
		14-2	*Brown Ceiling Tile*	*Y*	***None Detected***	100% ce	
AH-20-364-015		*15-1*	*White Surfaced White Compound*	*N*	***None Detected***		100% qu, mi, bi, ca
		15-2	*Brown Ceiling Tile*	*Y*	***None Detected***	100% ce	
AH-20-364-016		*16-1*	*Black Mastic*	*Y*	***5% Chrysotile***		95% qu, bi

Analysis Method: Interim (40CFR Part 763 Appendix E to Subpart E) / Improved (EPA-600 / R-93/116)
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Phone # 225-924-2002
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Customer Project:
Aloha Hotel

Turnaround Time: 24 hr

CA Labs Project #:
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Purchase Order #: 533-0022

Sample #	Comment	Layer #	Analysts Physical Description of Subsample	Homogeneous (Y/N)	Asbestos type / calibrated visual estimate percent	Non-asbestos fiber type / percent	Non-fibrous type / percent
AH-20-364-017		*17-1*	*Black Mastic*	*Y*	***5% Chrysotile***		95% qu, bi
AH-20-364-018		*18-1*	*Black Mastic*	*Y*	***5% Chrysotile***		95% qu, bi
AH-20-364-019		*19-1*	*Tan Floor Tile*	*Y*	***3% Chrysotile***		97% qu, ma, ca
		19-2	*Black Mastic*	*Y*	***5% Chrysotile***		95% qu, bi
AH-20-364-020		*20-1*	*Gray Floor Tile*	*Y*	***None Detected***		100% qu, ma, ca
		20-2	*Yellow and Black Mastic*	*N*	***None Detected***		100% qu, bi
AH-20-364-021		*21-1*	*Gray Floor Tile*	*Y*	***None Detected***		100% qu, ma, ca

Analysis Method: Interim (40CFR Part 763 Appendix E to Subpart E) / Improved (EPA-600 / R-93/116)
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Sample #	Comment	Layer #	Analysts Physical Description of Subsample	Homogeneous (Y/N)	Asbestos type / calibrated visual estimate percent	Non-asbestos fiber type / percent	Non-fibrous type / percent
		21-2	*Yellow and Black Mastic*	*N*	***None Detected***		100% qu, bi
AH-20-364-022		*22-1*	*Tan Linoleum*	*N*	***None Detected***	15% fg	85% qu, ma
AH-20-364-023		*23-1*	*Tan Linoleum*	*N*	***None Detected***	15% fg	85% qu, ma
AH-20-364-024		*24-1*	*Tan Linoleum*	*N*	***None Detected***	15% fg	85% qu, ma
AH-20-364-025		*25-1*	*Tan Floor Tile*	*Y*	***None Detected***		100% qu, ma, ca
		25-2	*Black Mastic*	*Y*	***5% Chrysotile***		95% qu, bi
AH-20-364-026		*26-1*	*Tan Floor Tile*	*Y*	***None Detected***		100% qu, ma, ca

Analysis Method: Interim (40CFR Part 763 Appendix E to Subpart E) / Improved (EPA-600 / R-93/116)
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		26-2	*Black Mastic*	*Y*	***5% Chrysotile***		95% qu, bi
AH-20-364-027		*27-1*	*Tan Floor Tile*	*Y*	***2% Chrysotile***		98% qu, ma, ca
		27-2	*Black Mastic*	*Y*	***2% Chrysotile***	3% ce	95% qu, bi
AH-20-364-028		*28-1*	*Green Surfaced White Sealant*	*N*	***2% Chrysotile***		98% qu, ma
AH-20-364-029		*29-1*	*Green Surfaced Tan Sealant*	*N*	***None Detected***		100% qu, ma
AH-20-364-030		*30-1*	*Green Surfaced Tan Sealant*	*N*	***None Detected***		100% qu, ma
AH-20-364-031		*31-1*	*Black Shingle*	*Y*	***None Detected***	15% fg	85% qu, bi

Analysis Method: Interim (40CFR Part 763 Appendix E to Subpart E) / Improved (EPA-600 / R-93/116)
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SEMS, Inc
11628 S Choctaw Drive
Baton Rouge, LA 70815

Phone # 225-924-2002
Fax # 225-924-2004

Customer Project:
Aloha Hotel

Turnaround Time: 24 hr

CA Labs Project #:
CBR20126448

Date: 12/30/2020
Samples Received: 12/29/2020
Date Of Sampling: 12/29/2020
Purchase Order #: 533-0022

Sample #	Comment	Layer #	Analysts Physical Description of Subsample	Homogeneous (Y/N)	Asbestos type / calibrated visual estimate percent	Non-asbestos fiber type / percent	Non-fibrous type / percent
		31-2	*Black Tar*	*Y*	***None Detected***		100% qu, bi, ma
AH-20-364-032		*32-1*	*Black Shingle*	*Y*	***None Detected***	15% fg	85% qu, bi
		32-2	*Black Tar*	*Y*	***None Detected***		100% qu, bi, ma
AH-20-364-033		*33-1*	*Black Shingle*	*Y*	***None Detected***	15% fg	85% qu, bi
		33-2	*Black Tar*	*Y*	***None Detected***		100% qu, bi, ma
AH-20-364-034		*34-1*	*Black Shingle with Gray Gravel*	*N*	***None Detected***	15% fg	85% qu, bi
		34-2	*Black Tar*	*Y*	***None Detected***		100% qu, bi, ma

Analysis Method: Interim (40CFR Part 763 Appendix E to Subpart E) / Improved (EPA-600 / R-93/116)
Preparation Method: HCL acid washing for carbonate based samples, chemical reduction for organically bound components, oil immersion for identification of asbestos types by dispersion attaining / becke line method.

ca - carbonate	mi - mica	fg - fiberglass	ce - cellulose
gypsum - gypsum	ve - vermiculite	mw - mineral wool	br - brucite
bi - binder	ot -other	wo - wollastinite	ka - kaolin (clay)
or - organic	pe - perlite	ta - talc	pa - palygorskite (clay)
ma - matrix	qu - quartz	sy - synthetic	

Approved Signatories:

Zo Andriampenomanana
Analyst

Senior Analyst
Alicia Stretz

Laboratory Director
Chris Williams

1. Fire Damage significant fiber damage - reported percentages reflect unaltered fibers
2. Fire Damage no significant fiber damages effecting fibrous percentages
3. Actinolite in association with Vermiculite
4. Layer not analyzed - attached to previous positive layer and contamination is suspected
5. Not enough sample to analyze
6. Anthophyllite in association with Fibrous Talc
7. Contamination suspected from other building materials
8. Favorable scenario for water separation on vermiculite for possible analysis by another method
9. < 1% Result point counted positive
10. TEM analysis suggested

CA Labs
Dedicated to Quality

CA Labs, L.L.C.
12232 Industriplex, Suite 32
Baton Rouge, LA 70809
Phone 225-751-5632
Fax 225-751-5634

NVLAP #200772-0
TDSHS #300370
CDPHE #AL-18111
LELAP #03069

Polarized Light Asbestiform Materials Characterization

Customer Info: **Attn:** Ioannis Petikas
SEMS, Inc
11628 S Choctaw Drive
Baton Rouge, LA 70815

Phone # 225-924-2002
Fax # 225-924-2004

Customer Project:
Aloha Hotel

Turnaround Time: 24 hr

CA Labs Project #:
CBR20126448

Date: 12/30/2020
Samples Received: 12/29/2020
Date Of Sampling: 12/29/2020
Purchase Order #: 533-0022

Sample #	Comment	Layer #	Analysts Physical Description of Subsample	Homogeneous (Y/N)	Asbestos type / calibrated visual estimate percent	Non-asbestos fiber type / percent	Non-fibrous type / percent
AH-20-364-035		*35-1*	*Black Shingle with Gray Gravel*	*N*	***None Detected***	15% fg	85% qu, bi
		35-2	*Black Tar*	*Y*	***None Detected***		100% qu, bi, ma
AH-20-364-036		*36-1*	*Black Shingle with Gray Gravel*	*N*	***None Detected***	15% fg	85% qu, bi
		36-2	*Black Tar*	*Y*	***None Detected***		100% qu, bi, ma

Analysis Method: Interim (40CFR Part 763 Appendix E to Subpart E) / Improved (EPA-600 / R-93/116)
Preparation Method: HCL acid washing for carbonate based samples, chemical reduction for organically bound components, oil immersion for identification of asbestos types by dispersion attaining / becke line method.

ca - carbonate	mi - mica	fg - fiberglass	ce - cellulose
gypsum - gypsum	ve - vermiculite	mw - mineral wool	br - brucite
bi - binder	ot -other	wo - wollastinite	ka - kaolin (clay)
or - organic	pe - perlite	ta - talc	pa - palygorskite (clay)
ma - matrix	qu - quartz	sy - synthetic	

Approved Signatories:

Zo Andriampenomanana
Analyst

Senior Analyst
Alicia Stretz

Laboratory Director
Chris Williams

1. Fire Damage significant fiber damage - reported percentages reflect unaltered fibers
2. Fire Damage no significant fiber damages effecting fibrous percentages
3. Actinolite in association with Vermiculite
4. Layer not analyzed - attached to previous positive layer and contamination is suspected
5. Not enough sample to analyze
6. Anthophyllite in association with Fibrous Talc
7. Contamination suspected from other building materials
8. Favorable scenario for water separation on vermiculite for possible analysis by another method
9. < 1% Result point counted positive
10. TEM analysis suggested

CA Labs

C.A. Labs, LLC.
12232 Industriplex
Suite 32
Baton Rouge, LA 70809

Phone: 225-751-5632
Fax: 225-751-5634
Mobile: 225-993-3471

Chain of Custody

Client Name:	SEMS, Inc.	**CA Labs job #**	**CBR** 20126448
Client Address:	1725 N. Hearne Ave.	Billing Address:	SEMS, Inc.
	Building F	(if different)	11628 S. Choctaw Drive
	Shreveport, LA 71107		Baton Rouge, LA 70815
phone number:	318-799-0763		225-924-2002
fax number:	225-924-2004	Send Reports to:	ipetikas@semsinc.net; bkennon@semsinc.net; jcoleman@semsinc.net; kgrogan@semsinc.net; aleopold@semsinc.net; mphilyaw@semsinc.net; rlewis@semsinc.
Project Number:	533-0022	Project Name:	Aloha Hotel
Contact:	Ioannis Petikas	**Reports Results VIA:**	**EMAIL** X **FAX** ___ **VERBAL** ___

Total # Samples Submitted:	**Total # Samples to be Analyzed:**	**Material Matrix:**
36	36	Air (Bulk) Water

Asbestos: *please call ahead for availability of all rush and/or after hours samples.*

TEM	**TA Time**	**PLM**	**TA Time**	**Optical / IAQ**	**TA Time**
Circle analysis and TA time		*Circle analysis and TA time*	*2 hour*	**Allergen Particle:**	*2 hour*
AHERA	*4 hour*	~~Improved~~	4 hour	tape/bulk/swab	4 hour
EPA Level II	8 hour	(Interim)	8 hour	Cyclex-d cassettes	8 hour
Drinking Water	16 hour		16 hour	Air-o-cell cassettes	16 hour
Wipe	24 hour	AHERA	(24 hour)	Anderson cultures	24 hour
Micro-vac	2 days		2 days	Bulk/swab cultures	2 days
NIOSH 7402	3 days	Point Count -	3 days	Bacteria cultures	3 days
Chatfield Bulk	5 days	(NESHAPS)	5 days	**PCM:** NIOSH 7400	5-10 days

Lead: *Circle analysis and TA time*

Matrix:	Paint Chips	Soil	Air	Wipes	Wastewater	TCLP
TA Time:	***8 hour***	1 day	2 days	3 days	5 days	6-10 days

Sample Information:

Sample Number:	**Sample Location:**	**Sample Date/Time:**	**Sample Volume (L)**
AH-20-364-001-036	See attached sample log	12/29/20	

Custody Information:

Samples relinquished: 12/29/30 13:40
Signature / Date / Time

Samples received: 12-29-2020 1:40PM
Signature / Date / Time

Samples relinquished: ___
Signature / Date / Time

Samples received: ___
Signature / Date / Time

SEMS Inc.

CBR20126448

DATE: 12/29/20

Facility: Aloha Hotel Location: 3300 Airline Hwy Inspector(s): Austin Leopold

Sample ID	Material Description	Category	Friability	Assessment Category	Location
AH.20.364.001	Drywall				Lounge
002	↓				Room 2
003	↓				Room 14
004	Drywall				Room 34
005	↓				2nd Floor Suite
006	↓				Room 47
007	Drywall				Room 22
008	↓				2nd Floor stairs
009	↓				Room 21
010	Tan 12x12 floor tile w/ black mastic				Laundry
011	↓				Laundry
012	↓				Laundry
013	White 12x12 ceiling tiles				Laundry

Rec: [signature] 12-29-2020 1:40PM

SEMS Inc.
Southern Environmental Management & Specialists

CBR20126448

DATE:

Facility:

Location:

Inspector(s):

Sample ID	Material Description	Category	Friability	Assessment Category	Location
AH.20.364.014	white 12x12 ceiling tile				Laundry
015	↓				Laundry
016	Black mastic				Room 3
017	↓				Room 12
018	↓				Room 3
019	Blue 12x12 floor tile w/ black mastic				Room 29
020	↓				Room 32
021	↓				Room 32
022	Linoleum flooring				Room 28
023	↓				Room 28
~~023~~ 024	↓				Room 28
025	Tan 12x12 floor tile w/ black mastic				Room 31
026	↓				2nd floor stair hall

Rec: [signature] 12-29-2020 1:40PM

SEMS Inc. Southern Environmental Management & Specialties

CBR20126448

DATE:

Facility: Location: Inspector(s):

Sample ID	Material Description	Category	Friability	Assessment Category	Location
AH.20.364.027	Tan 12x12 floor tile w/ black mastic				Room 28
028	Exterior window caulking				Room 6
029	↓				Room 12
030	↓				Room 4
031	Roof cores				Over office
032	↓				↓
033	↓				↓
034	Shingles + tar				Storage roof
035	↓				↓
036	↓				↓
	Rec: [signature] 12-29-2020 1:40PM				

CA Labs
Dedicated to Quality

CA Labs, L.L.C.
12232 Industriplex, Suite 32
Baton Rouge, LA 70809
Phone 225-751-5632
Fax 225-751-5634

NVLAP #200772-0
TDSHS #300370
CDPHE #AL-18111
LELAP #03069

Polarized Light Asbestiform Materials Point Count

Laboratory Analysis Report - Point Count

Analysis and Method

Point counting was performed on a polarized light microscope with a calibrated reticle according to the revised NESHAP method of November 20, 1990 (Federal Register, V.55, N.224, 11/20/90). Original asbestos content of bulk materials was determined using procedures outlined in the interim method (40 CFR part 763, Appendix E to subpart E) and AHERA method (EPA-600/R-93/116). Samples were prepared using HCL acid washing for carbonate based samples, chemical reduction for organically bound components, oil immersion for identification of asbestos types by dispersion staining / becke line method.

Qualifications

CA Labs is accredited by the National Voluntary Accreditation Program (NVLAP) for selected test methods for airborne fiber analysis (TEM), and for bulk asbestos fiber analysis (PLM). All analysts have a college degree in a natural science (geology, biology, or environmental science) or are recognized by a state professional board in one of these disciplines. Extensive in-house training programs are used to augment education background of the analyst. The group leader of polarized light has received supplemental McCrone Research training for asbestos identification. This report is not covered by the scope of NVLAP or AIHA accreditation. Analysis performed at CA Labs, LLC 12232 Industriplex, Suite 32 Baton Rouge, LA 70809.

Customer Info: **Attn:** Ioannis Petikas
SEMS, Inc
11628 S Choctaw Drive
Baton Rouge, LA 70815

Phone # 225-924-2002
Fax # 225-924-2004

Customer Project:

Aloha Hotel

Turnaround Time: 24 hr

CA Labs Project #:
CBR20126448B

Date: 12/30/2020
Samples Received: 12/29/2020
Date Of Sampling: 12/29/2020
Purchase Order #: 533-0022

Sample #	Layer #	Analysts Physical Description of Subsample	Homo-geneous (Y/N)	Point Counted % / Asbestos Type
AH-20-364-004	*04-1*	*Blue Surfaced Tan Compound*	*N*	***1.00% Chrysotile***
AH-20-364-005	*05-1*	*Tan Surfaced White Compound*	*N*	***0.75% Chrysotile***
AH-20-364-005	*05-2*	*White Compound Beneath Tape*	*Y*	***0.75% Chrysotile***

Approved Signatories:

Zo Andriampenomanana
Analyst

Senior Analyst
Alicia Stretz

Laboratory Director
Chris Williams

CA Labs
Dedicated to Quality

CA Labs, L.L.C.
12232 Industriplex, Suite 32
Baton Rouge, LA 70809
Phone 225-751-5632
Fax 225-751-5634

NVLAP #200772-0
TDSHS #300370
CDPHE #AL-18111
LELAP #03069

Polarized Light Asbestiform Materials Point Count

Laboratory Analysis Report - Point Count

Customer Info: **Attn:** Ioannis Petikas
SEMS, Inc
11628 S Choctaw Drive
Baton Rouge, LA 70815

Phone # 225-924-2002
Fax # 225-924-2004

Customer Project:
Aloha Hotel

Turnaround Time: 24 hr

CA Labs Project #:
CBR20126448B

Date: 12/30/2020
Samples Received: 12/29/2020
Date Of Sampling: 12/29/2020
Purchase Order #: 533-0022

Sample #	Layer #	Analysts Physical Description of Subsample	Homo-geneous (Y/N)	Point Counted % / Asbestos Type
AH-20-364-006	*06-1*	*Tan Surfaced Tan Compound*	*N*	***1.00% Chrysotile***
AH-20-364-006	*06-2*	*Green Surfaced Tan Compound*	*N*	***0.75% Chrysotile***
AH-20-364-007	*07-1*	*White Surfaced Tan Compound*	*N*	***1.25% Chrysotile***
AH-20-364-010	*10-2*	*Black Mastic*	*Y*	***2.00% Chrysotile***
AH-20-364-016	*16-1*	*Black Mastic*	*Y*	***2.25% Chrysotile***
AH-20-364-019	*19-2*	*Black Mastic*	*Y*	***1.75% Chrysotile***
AH-20-364-025	*25-2*	*Black Mastic*	*Y*	***1.50% Chrysotile***

Approved Signatories:

Zo Andriampenomanana
Analyst

Senior Analyst
Alicia Stretz

Laboratory Director
Chris Williams

CA Labs
Dedicated to Quality

CA Labs, L.L.C.
12232 Industriplex, Suite 32
Baton Rouge, LA 70809
Phone 225-751-5632
Fax 225-751-5634

NVLAP #200772-0
TDSHS #300370
CDPHE #AL-18111
LELAP #03069

Polarized Light Asbestiform Materials Point Count

Laboratory Analysis Report - Point Count

Customer Info: **Attn:** Ioannis Petikas
SEMS, Inc
11628 S Choctaw Drive
Baton Rouge, LA 70815

Phone # 225-924-2002
Fax # 225-924-2004

Customer Project:
Aloha Hotel

Turnaround Time: 24 hr

CA Labs Project #:
CBR20126448B

Date: 12/30/2020
Samples Received: 12/29/2020
Date Of Sampling: 12/29/2020
Purchase Order #: 533-0022

Sample #	Layer #	Analysts Physical Description of Subsample	Homo-geneous (Y/N)	Point Counted % / Asbestos Type
AH-20-364-028	*28-1*	*Green Surfaced White Sealant*	*N*	***0.25% Chrysotile***

Approved Signatories:

Zo Andriampenomanana
Analyst

Senior Analyst
Alicia Stretz

Laboratory Director
Chris Williams

CA LABS

CA Labs, LLC
12232 Industriplex Blvd Suite 31/32
Baton Rouge, LA 70809

Phone: 225-751-5632
Fax: 225-751-5634
Mobile: 225-993-3471

Chain of Custody | **CA Labs job#: CBR** 20126448B

CA Labs Client Name: SEMS

Billing Address: _____

Client Address: _____

(If Different) _____

_____

_____

Phone Number: _____

Send Reports to (email address): _____

Fax Number: _____

PO# 533-0022

Project Name: Aloha Motel

Contact: Ioannis Petikas

Project Number: Re: CBR20126448

Results Reported Via: Email ____ Fax ____ Verbal ____

Total # Samples Submitted:	Total # Samples to be Analyzed:	Material Matrix:
18	+ Stop	Air/Bulk/Wipe

Circle analysis and TA time: **Please call ahead for availability of all rush/afterhours samples.**

TEM:	AHERA	EPA Level II	Wipe	Micro-Vac	NIOSH 7402	Chatfield Bulk	Amphibole Separation
TAT	4 hour	8 hour		24 hour	2 day	3 day	5 day

PLM:	AHERA		400 Point Counts	1000 Point Counts		Gravimetric Point Count	
TAT	2 hour	4 hour	8 hour	24 hour	2 day	3 day	5 day

Optical/IAQ:	Allergen: Tape/Bulk/Swab	Air-O-Cell		PCM		PCM (TWA)
TAT	2 hour	4 hour	8 hour	24 hour	2 day	3 day	5 day

Lead:	Paint Chips	Soil	Wipes	Air	TCLP
TAT	4 hour	8 hour	24 hour	2 day	3 day	5 day

Other analysis not listed: _____ TAT: _____

Sample Information:

Sample Number:	Sample Location:	Sample Date/Time:	Sample Volume(L)
4-1			
5-1			
5-2			
6-1			
6-2			
7-1			
9-1			

Custody Information: 1:00PM 12-30-2020

Samples relinquished: Phone: Ioannis Petikas
Signature/Date/Time

Samples received: 1:00PM 12-30-2020
Signature/Date/Time

Samples relinquished: _____
Signature/Date/Time

Samples received: _____
Signature/Date/Time

CA Labs

12232 Industriplex
Suite 32
Baton Rouge, LA 70809

Phone: 225-751-5632
Fax: 225-751-5634
After hours Mobile: 225-993-3471

Client Name: SEMS

Client Address:

phone number:

fax number:

Project Number: 533-0022

Contact: Ioannis Petikas

CA Labs job # CBR 20126448B

Billing Address:
(if different)

Send Reports to:

Project Name: Aloha Hotel

Reports Results
VIA: EMAIL____ FAX____ VERBAL___

Sample Number:	Sample Location:	Sample Date/Time:	Sample Volume (L)
10-2			
11-2			
12-2			
16-1			
17-1			
18-1			
19-2			
25-2			
26-2			
27-2			
28-1			

For internal use:
Any initial changes regarding project (indicate yes by checking line)_____

Custody Information:

Samples relinquished: Phone: Ioannis Petikas 12-30-2020 1:00PM
Signature / Date / Time

Samples received: 12-30-2020 1:00PM
Signature / Date / Time

Samples relinquished:
Signature / Date / Time

Samples received:
Signature / Date / Time

CA Labs
Dedicated to
Quality

CA Labs, L.L.C.
12232 Industriplex Blvd Ste 32
Baton Rouge, LA 70809
Phone 225-751-5632
Fax 225-751-5634

LELAP #03069

Transmission Electron Microscopy Report
Bulk Asbestos Analysis
Laboratory Analysis Report
Chatfield Protocol

SEMS, Inc
11628 S. Choctaw Dr
Baton Rouge, La
reference number: CBR20126480Amend

LABORATORY ANALYSIS:

The following bulk samples were provided to be analyzed by transmission electron microscopy (TEM) following the Chatfield Protocol. **CA Labs is accredited by the National Voluntary Laboratory Accreditation Program (NVLAP) for selected test methods for airborne fiber analysis (TEM) and for bulk asbestos fiber analysis (PLM).** This analysis is not covered by the scope of accreditation by NVLAP. This test report relates only to the items tested. NVLAP accreditation does not imply endorsement by any US Government agency. This report may not be reproduced except in full, without written permission by CA Labs.

These results are submitted pursuant to CA Labs' current terms and condition of sale, including the company's standard warranty and limitation of liability provisions and no responsibility or liability is assumed for the manner in which the results are used or interpreted. Unless notified in writing to return the samples covered by this report, CA Labs will store the samples for a period of ninety days before discarding. A shipping and handling fee may be assessed for the return of any samples.

Analysis performed at CA Labs, LLC. 12232 Industriplex Blvd, Suite 32, Baton Rouge, LA 70809. Phone 225-751-5632, fax 225-751-5634, after hours mobile 225-993-3471.

CA Labs
Dedicated to Quality

CA Labs, L.L.C.
12232 Industriplex Blvd Ste 32
Baton Rouge, LA 70809
Phone 225-751-5632
Fax 225-751-5634

LELAP #03069

Transmission Electron Microscopy Chatfield Report

Analysis Method: EPA 660/R-93/116 section 2.5 "AEM" (Chatfield method for bulk materials).
Preparation Method: All samples are weighed, ashed at 480ºC for 12 hours, weighed, washed with hydrochloric acid , filtered on PC membranes, weighed, and redistributed on a prepared Chatfield grid.

Client Information:
SEMS, Inc
11628 S Choctaw Dr
Baton Rouge, La

Client Project:
Aloha Hotel
RE:CBR20126448

CA Labs Project #:
CBR20126480Amend

Date: 12/31/2020

Phone: 225-924-2002

Turnaround Time: 24 hr

Samples Received: 12/30/2020

Fax:

Attn: Ioannis Petikas

Purchase Order #: 533-0022

Sample#	Asbestos Type / Weight Percent (lower / upper limit)	Organic Matrix Weight Percent	Carbonate Matrix Weight percent	Other Components Weight Percent
AH-20-364-10	**2.31% - 2.82% Chrysotile**	29.41%	52.25%	15.77%
AH-20-364-11	**Positive Stop**	----	----	----
AH-20-364-19	**2.35% - 2.87% Chrysotile**	29.92%	53.79%	13.69%
AH-20-364-27	**3.77% - 4.61% Chrysotile**	29.66%	51.31%	14.85%
Glass Blank (NIST Fiberglass)	NSD	----	**----**	**----**

Predominant non-asbestiform fibers are: N/A

NVLAP # 200772-0

Approved Signatories:

Christopher Williams
Analyst

TDH # 30-0370

Christopher Williams
Laboratory Director

Alicia Stretz
Senior Analyst

Notes:
Some samples (floor tiles, surfacing, etc.) may contain fibers too small too be detectable by PLM. TEM Chatfield analysis of bulk material is recommended in this case. All asbestos percentages are based on calibrated visual estimates traceable to NIST standards for regulated asbestos types. Analysts' percentages fall within a range of acceptable percentages, depending on the actual concentration of asbestos. CA Labs is accredited by the National Voluntary Laboratory Accreditation Program (NVLAP) for selected test methods for bulk asbestos fiber analysis (PLM) and airborne fiber analysis (TEM). This test report relates only to the items tested. NVLAP accreditation does not imply endorsement by any US Government agency. This report may not be reproduced except in full without written permission from CA Labs.

These results are submitted pursuant to CA Labs' current terms and condition of sale, including the company's standard warranty and limitation of liability provisions and no responsibility or liability is assumed for the manner in which the results are used or interpreted. Unless notified in writing to return the samples covered by this report, CA Labs will store the samples for a period of ninety (90) days before discarding. A shipping and handling fee may be assessed for the return of any samples.

CA LABS

CA Labs, LLC
12232 Industriplex Blvd Suite 31/32
Baton Rouge, LA 70809

Phone: 225-751-5632
Fax: 225-751-5634
Mobile: 225-993-3471

Chain of Custody | **CA Labs job#: CBR 20126480**

CA Labs Client Name: SEMS
Billing Address:
Client Address:
(If Different)
Phone Number:
Send Reports to (email address):
Fax Number:
PO# 533-0022
Project Name: Aloha Hotel
Contact: Ioannis Petikas
Project Number: Re: CBR20126448
Results Reported Via: Email ____ Fax ____ Verbal ____

Total # Samples Submitted:	Total # Samples to be Analyzed:	Material Matrix:
4	+ Stop	Air/Bulk/Wipe

Circle analysis and TA time: **Please call ahead for availability of all rush/afterhours samples.**

TEM:	AHERA	EPA Level II	Wipe	Micro-Vac	NIOSH 7402	Chatfield Bulk	Amphibole Separation
TAT	4 hour	8 hour		24 hour	2 day	3 day	5 day

PLM:	AHERA		400 Point Counts	1000 Point Counts		Gravimetric Point Count	
TAT	2 hour	4 hour	8 hour	24 hour	2 day	3 day	5 day

Optical/IAQ:	Allergen: Tape/Bulk/Swab		Air-O-Cell	PCM		PCM (TWA)	
TAT	2 hour	4 hour	8 hour	24 hour	2 day	3 day	5 day

Lead:	Paint Chips	Soil	Wipes	Air	TCLP
TAT	4 hour	8 hour	24 hour	2 day	3 day	5 day

Other analysis not listed: TAT:

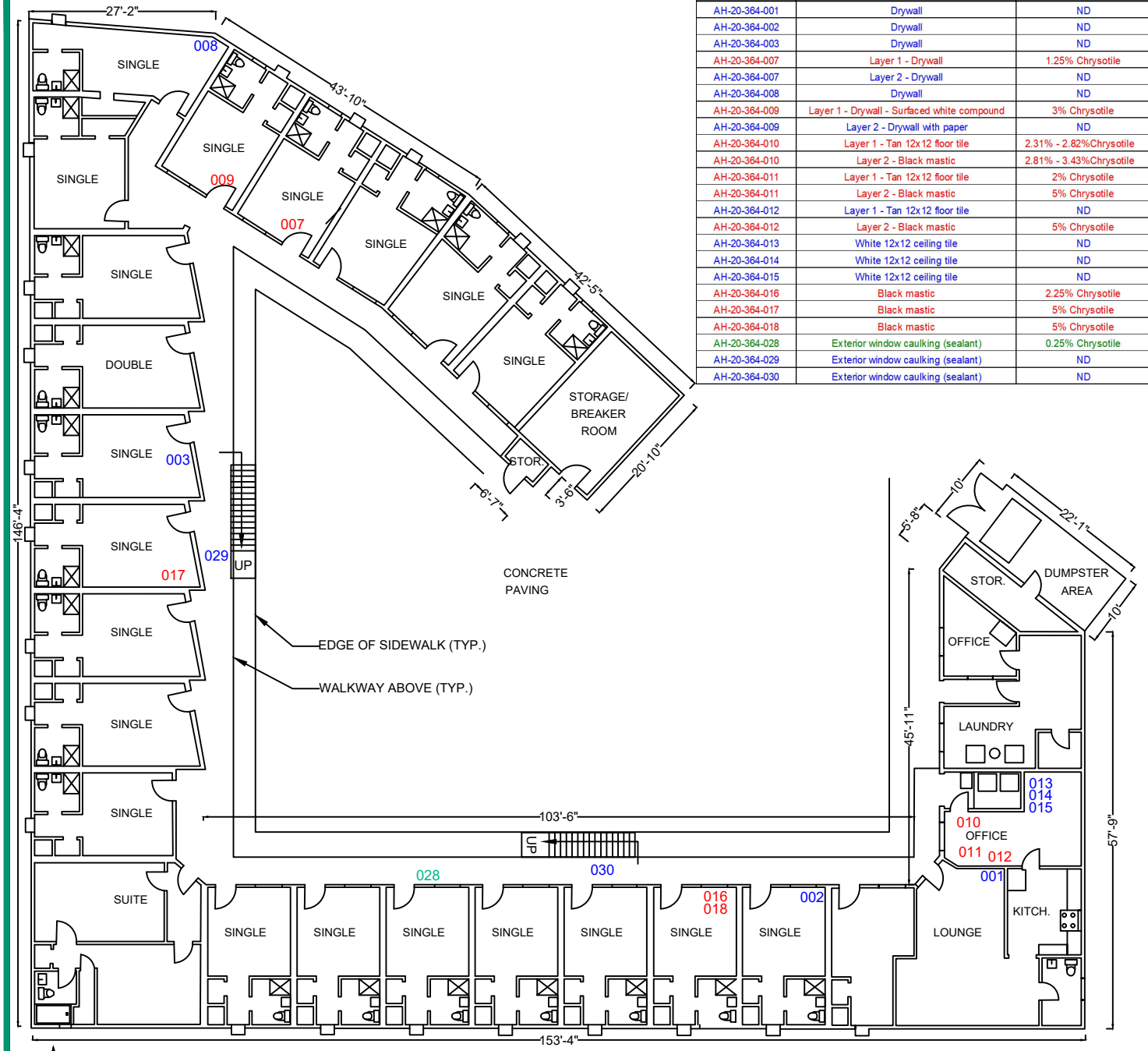
Sample Information:

Sample Number:	Sample Location:	Sample Date/Time:	Sample Volume(L)
10			
11			
19			
27-1			

Custody Information:
Samples relinquished: Phone: Ioannis Petikas 1:00 PM 12-30-2020
Signature/Date/Time
Samples received: 1:00PM 12-30-2020
Signature/Date/Time

Samples relinquished: ____
Signature/Date/Time
Samples received: ____
Signature/Date/Time

APPENDIX C
SAMPLE LOCATION DRAWINGS



Sample ID	Material Description	Asbestos % Type
AH-20-364-001	Drywall	ND
AH-20-364-002	Drywall	ND
AH-20-364-003	Drywall	ND
AH-20-364-007	Layer 1 - Drywall	1.25% Chrysotile
AH-20-364-007	Layer 2 - Drywall	ND
AH-20-364-008	Drywall	ND
AH-20-364-009	Layer 1 - Drywall - Surfaced white compound	3% Chrysotile
AH-20-364-009	Layer 2 - Drywall with paper	ND
AH-20-364-010	Layer 1 - Tan 12x12 floor tile	2.31% - 2.82%Chrysotile
AH-20-364-010	Layer 2 - Black mastic	2.81% - 3.43%Chrysotile
AH-20-364-011	Layer 1 - Tan 12x12 floor tile	2% Chrysotile
AH-20-364-011	Layer 2 - Black mastic	5% Chrysotile
AH-20-364-012	Layer 1 - Tan 12x12 floor tile	ND
AH-20-364-012	Layer 2 - Black mastic	5% Chrysotile
AH-20-364-013	White 12x12 ceiling tile	ND
AH-20-364-014	White 12x12 ceiling tile	ND
AH-20-364-015	White 12x12 ceiling tile	ND
AH-20-364-016	Black mastic	2.25% Chrysotile
AH-20-364-017	Black mastic	5% Chrysotile
AH-20-364-018	Black mastic	5% Chrysotile
AH-20-364-028	Exterior window caulking (sealant)	0.25% Chrysotile
AH-20-364-029	Exterior window caulking (sealant)	ND
AH-20-364-030	Exterior window caulking (sealant)	ND

SAMPLE LOCATIONS (First Floor)

AH-20-364-??? Negative for ACM

AH-20-364-??? Positive for ACM

AH-20-364-??? ACM Eliminated by Point Count

EXISTING FIRST FLOOR PLAN

BUILDING AREA: 8,749 S.F.

ALOHA MOTEL

3300 Airline Drive
Metairie , Louisiana
70001

Project No.	533-0022		Checked By
Drawn By	GC	1/7/21	Approved By
Rev. #:			Date:
Rev. #:			Date:

SEMS Inc.

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Figure

Sample ID	Material Description	Asbestos % Type
AH-20-364-004	Layer 1 - Drywall - Surface compound	1% Chrysotile
AH-20-364-004	Layer 2 - Drywall with paper	ND
AH-20-364-005	Layer 1 - Drywall - Surfaced white compound	0.75% Chrysotile
AH-20-364-005	Layer 2 - Drywall - compound beneath tape	0.75% Chrysotile
AH-20-364-005	Layer 3 - Drywall with paper	ND
AH-20-364-006	Layer 1 - Drywall - Green surfaced tan compound	1% Chrysotile
AH-20-364-006	Layer 2 - Drywall - compound beneath tape	0.75% Chrysotile
AH-20-364-006	Layer 3 - Drywall with paper	ND
AH-20-364-019	Layer 1 - Floor tile	1.75% Chrysotile
AH-20-364-019	Layer 2 - Mastic	2.35% - 2.87%Chrysotile
AH-20-364-020	Blue 12x12 floor tile, black mastic	ND
AH-20-364-021	Blue 12x12 floor tile, black mastic	ND
AH-20-364-022	Linoleum flooring	ND
AH-20-364-023	Linoleum flooring	ND
AH-20-364-024	Linoleum flooring	ND
AH-20-364-025	Layer 1 - Tan 12x12 floor tile	ND
AH-20-364-025	Layer 2 - Black mastic	1.50% Chrysotile
AH-20-364-026	Layer 1 - Tan 12x12 floor tile	ND
AH-20-364-026	Layer 2 - Black mastic	5% Chrysotile
AH-20-364-027	Layer 1 - Tan 12x12 floor tile	3.77% - 4.61% Chrysotile
AH-20-364-027	Layer 2 - Black mastic	2% Chrysotile
AH-20-364-031	Roof cores	ND
AH-20-364-032	Roof cores	ND
AH-20-364-033	Roof cores	ND
AH-20-364-034	Shingles and tar	ND
AH-20-364-035	Shingles and tar	ND
AH-20-364-036	Shingles and tar	ND

SAMPLE LOCATIONS (Second Floor)

AH-20-364-??? Negative for ACM

AH-20-364-??? Positive for ACM

AH-20-364-??? ACM Eliminated by Point Count Analysis

EXISTING SECOND FLOOR PLAN

BUILDING AREA: 8,120 S.F.

ALOHA MOTEL

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Rev. #:			Date:

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Figure

APPENDIX D
TO BE ABATED AREA DRAINGS

EXISTING FIRST FLOOR PLAN

BUILDING AREA: 8,749 S.F.

TO BE ABATED
(First Floor - Flooring)

Black Mastic (~ 5,865 Sq. Ft.)
(may be covered w/carpet/tile/etc.)

Tan 12x12 FT w/ Mastic (100 sq. Ft.)

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Rev. #:			Date:

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Figure

EXISTING SECOND FLOOR PLAN

BUILDING AREA: 8,120 S.F.

TO BE ABATED
(Second Floor - Flooring)

Black Mastic (~6,090 Sq. Ft.)
(on Plywood)

Floor Tile w/ Mastic (~380 sq. Ft.)

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Rev. #:			Date:

SEMS Inc.

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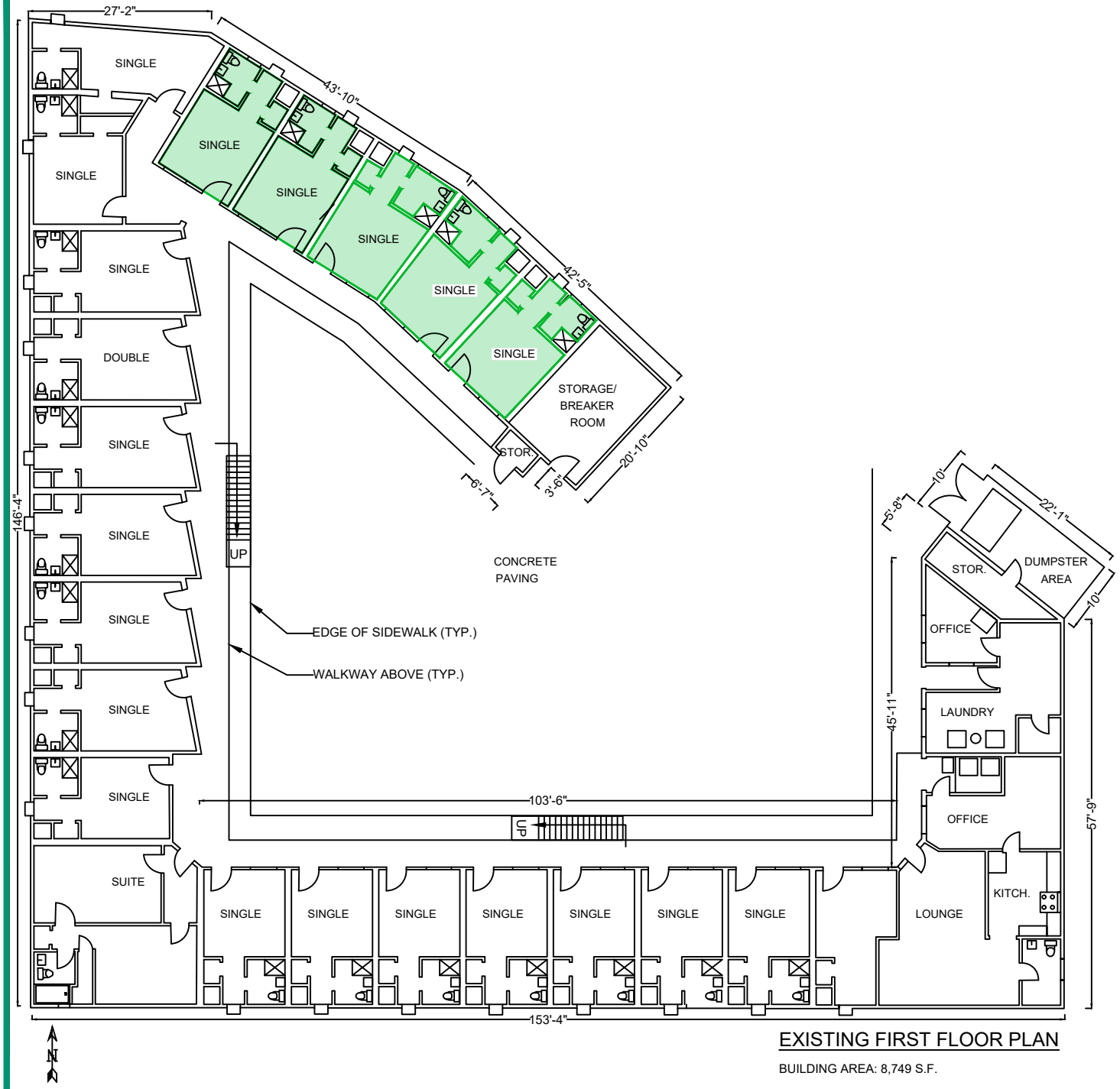
Figure



EXISTING FIRST FLOOR PLAN

BUILDING AREA: 8,749 S.F.

TO BE ABATED
(First Floor - Miscellaneous)

Drywall

Drywall Ceilings

NOTE: Each room has ~680 sq. ft. of drywall.
~3,400 sq. ft. to be removed 1st floor

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Drawn By	GC	1/11/21	Approved By
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Rev. #:			Date:

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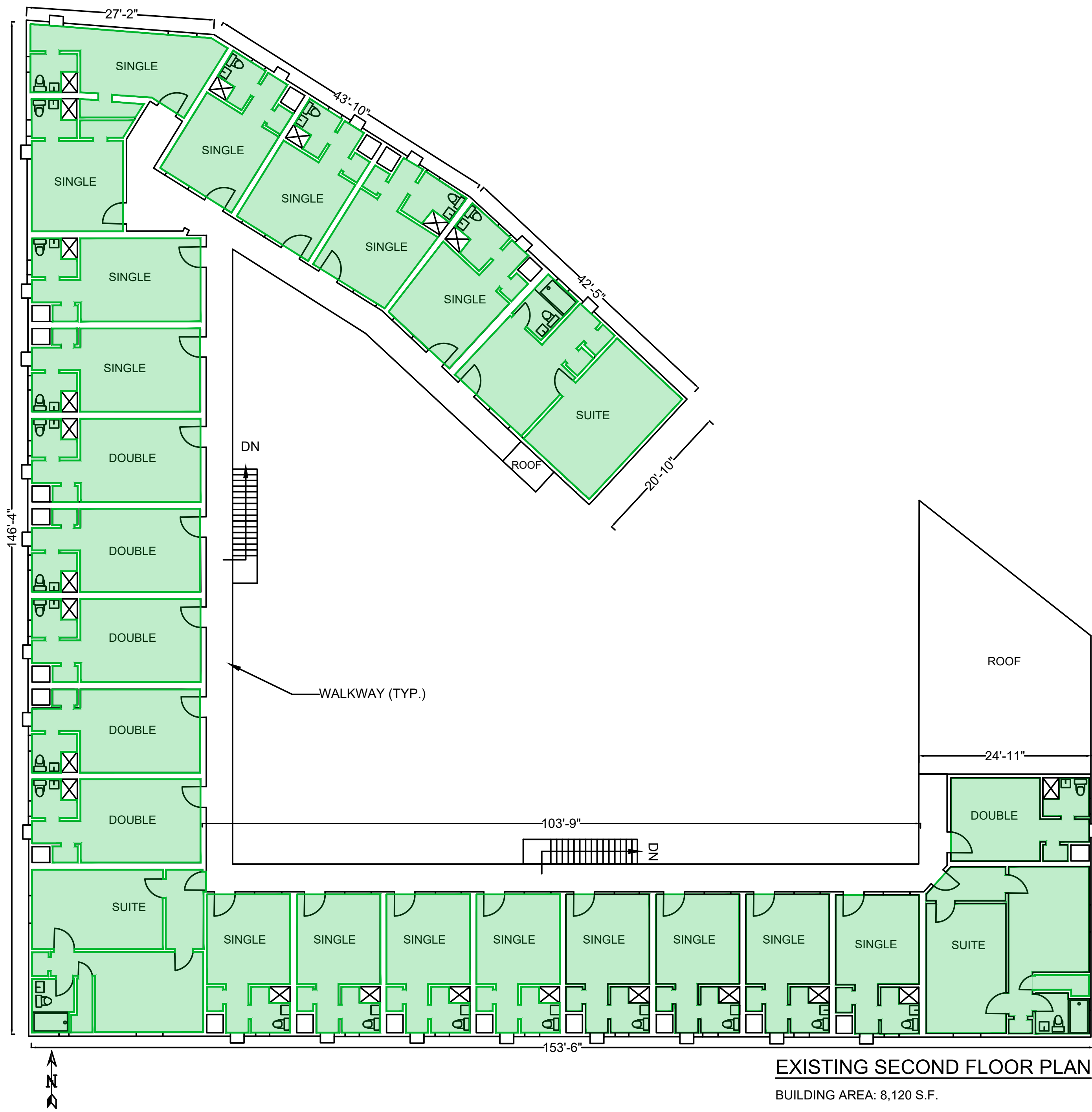
Figure

TO BE ABATED
(Second Floor - Miscellanous)

Drywall

Drywall Ceilings

NOTE: ~19,300 sq. ft. Drywall/ceilings to be removed 2nd floor



EXISTING SECOND FLOOR PLAN

BUILDING AREA: 8,120 S.F.

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Rev. #:			Date:

SEMS Inc.

Figure 6

APPENDIX E
CERTIFICATIONS

STATE OF LOUISIANA

DEPARTMENT OF ENVIRONMENTAL QUALITY

certifies that

Austin Leopold

Has complied with all requirements of the Louisiana Department of Environmental Quality and is authorized to perform the duties of

Asbestos Inspector

Accreditation No. **SI189864**

AI No. **189864**

Date of Issuance **August 11, 2020**

Expiration **September 28, 2021**

Failure to comply with all applicable provisions of La. R.S. 2025.E. (1)(a) and La. R.S. 2025.F. (2)(a) may result in civil and/or criminal enforcement actions by the State.

Tonya Landry

Permit Support Services Division
Office of Environmental Services